



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/540,430	01/03/2006	Gurol Altunan	PHDL0860-006	6373

26948 7590 03/04/2010
VENABLE, CAMPILLO, LOGAN & MEANEY, P.C.
1938 E. OSBORN RD
PHOENIX, AZ 85016-7234

EXAMINER

ALI, MOHAMMAD M

ART UNIT	PAPER NUMBER
----------	--------------

3744

NOTIFICATION DATE	DELIVERY MODE
-------------------	---------------

03/04/2010

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@vclmlaw.com

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Anthony D. Logan on 02/17/10

The application has been amended as follows:

Claim 11 (currently amended): A declogging method of using the declogging device (9) including a chemical substance tank (10) which is filled with a cleansing chemical substance used to eliminate a clogging in the refrigeration cycle (1) where a refrigeration fluid circulates, a pressurized gas tube (11) which provides pressurized gas to the chemical substance tank (10) and a collection tank (13) where the cleansing chemical substance is collected, comprising the steps of: a detachment of a compressor (2) and a dryer (5) from the refrigeration cycle (1) and split of a passage line (7) from a return line (8) for the preparation of the clogged refrigeration cycle (1) for a declogging process, a connection of a transmission pipe (12) and a collector pipe (14) to a passage line inlet (15) and a passage line outlet (16) respectively for the declogging the passage line (7), transfer of the cleansing chemical substance from the chemical substance tank (10) to the passage line (7) by opening a gas tube, in case if the passage line (7) is not declogged, the increase

Art Unit: 3744

of the pressure and/or the reverse pass of the cleansing chemical substance by connecting the transmission pipe (12) and the collector pipe (14) to the passage line outlet (16) and the passage line inlet (15) respectively, pass of certain amount of the cleansing chemical substance from the passage line (7) for the cleaning process, in case if the passage line (7) is not cleaned sufficiently, leaving the cleansing chemical substance at the passage line (7) for a while and continuation of the pass of the cleansing chemical substance from the passage line (7) until it returns clean.

Claim 14 (Currently amended): A declogging method of using the declogging device (9) as in Claim 11 comprising the steps of the connection of the transmission pipe (12) and the collector pipe (14) to the return line inlet (17) and the return line outlet (18) respectively for the declogging of the return line (8), transfer of the cleansing chemical substance from the substance tank (10) to the return line (8) by opening the gas tube, in case if the return line (8) is not declogged, the increase of the pressure and/or the reverse pass of the cleansing chemical substance by connecting the transmission pipe (12) and the collector pipe (14) to the return line outlet (18) and the return line inlet (17) respectively, pass of certain amount of the cleansing chemical substance from the return line (8) for the cleaning process, in case if the return line (8) is not cleaned sufficiently, leaving the cleansing chemical substance at the return line (8) for a while and continuation of the pass of the cleansing chemical substance from the return line (8) until it returns clean.

Art Unit: 3744

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MOHAMMAD M. ALI whose telephone number is (571)272-4806. The examiner can normally be reached on maxiflex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl J. Tyler can be reached on 571-272-4808. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mohammad M Ali/
Primary Examiner, Art Unit 3744